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|---------------|----------|--|------------|------------------------------|
| US 6314183 B1 | 20011106 | Portable communication device with a movable element and a sensor for detecting the position thereof | 379/433.06 | Pehrsson, Claes Goran et al. |
| US 6332024 B1 | 20011218 | Portable terminal | 379/433.06 | Inoue, Katsuo et al. |
| US 6035211 A | 20000307 | Dual use speaker for both voice communication and signalling | 455/567 | Rabe, Karl W. et al. |
| US 6060969 A | 20000509 | Contactless proximity switch | 335/207 | Hufgard, Erich et al. |
| US 5884185 A | 19990316 | Cordless telephone having a call key capable of performing multiple functions and a method for assigning | 455/550 | Kim, Jong-Kwang |
| US 6088240 A | 20000711 | Hinged flip assembly for a communication device | 361/814 | Steinhoff, William S. et al. |
| US 5436954 A | 19950725 | Foldable radio telephone set with rotary selector integral with foldable hinge element | 455/566 | Nishiyama, Takanori et al. |
| US 5678206 A | 19971014 | Keypad cover hinge | 455/90 | Ishii, Takeshi |
| US 5673314 A | 19970930 | Electronic device with door cover speaker actuator and latch mechanism | 379/433.13 | Olkoski, Jill C. et al. |
| US 5278993 A | 19940111 | Integral spring loaded hinge and switch for portable radio device | 455/90 | Reiff, David E. et al. |
| US 5175759 A | 19921229 | Communications device with movable element control interface | 455/569 | Metroka, Michael P. et al. |
| US 6226175 B1 | 20010501 | Handheld electronic device having a stress releasing structure and method for releasing stress imposed | 361/680 | Murayama, Tomomi et al. |
| US 5742894 A | 19980421 | Radio communication device having a moveable housing element and keypad disposed therein | 455/575.3 | Jambhekar, Shiriang et al. |
| US 5615260 A | 19970325 | Apparatus for accepting and retaining a smart card | 379/433.01 | Kurgan, Jeffery F. |
| US 6384813 B1 | 20020507 | Two-part electronic device | 345/173 | Narva, Juha |
| US 6189056 B1 | 20010213 | Information processing terminal | 710/62 | Ogura, Akihiro et al. |
| US 5327584 A | 19940705 | Portable radio having cover releasing mechanism and receive switch which are operable together | 455/575.8 | Adachi, Naotomo et al. |
| US 5384844 A | 19950124 | Pivotable housing for hand-held transceiver | 379/433.13 | Rydbeck, Nils R. |
| US 6131017 A | 20001010 | Dual system portable electronic communicator | 455/73 | Lebby, Michael S. et al. |
| US 5711013 A | 19980120 | Conformant compact portable cellular phone case system and connector | 455/558 | Collett, Gordon C. et al. |
| US 6104916 A | 20000815 | Hinge pin | 455/575.3 | Steinhoff, William S. et al. |
| US 5884195 A | 19990316 | Grounding assembly for programming cellular telephones | 455/572 | Gomez, Francisco X. et al. |
| US 4845772 A | 19890704 | Portable radiotelephone with control switch disabling | 455/574 | Metroka, Michael P. et al. |
| US 5148471 A | 19920915 | Communications device with voice recognition and movable element control interface | 455/563 | Metroka, Michael P. et al. |
| US 5337346 A | 19940809 | Portable telephone apparatus including electronic notebook function | 455/556.2 | Uchikura, Takao |
| US 5335273 A | 19940802 | Portable telephone and multifunctional protective housing therefor | 379/433.13 | Takagi, Hisamitsu et al. |
| US 5117073 A | 19920526 | Control signal initiator responsive to a hinge position | 200/61.7 | Mischenko, Nicholas |
| US 6011699 A | 20000104 | Electronic device including apparatus and method for routing flexible circuit conductors | 361/814 | Murray, Michael P. et al. |
| US 5996178 A | 19991207 | Hinge suitable for use in a foldable device | 16/303 | Murray, Michael Patrick |
| US 5941648 A | 19990824 | Personal digital assistant having a foldable keyboard component | 400/82 | Robinson, Robert J. et al. |
| US 5966647 A | 19991012 | Portable receiver having pivotally connected case arranged to shield antenna | 455/300 | Sawai, Toshikazu |
| US 5918188 A | 19990629 | Flip on/off detector | 455/575.3 | Doran, Robert A. |
| US 5646649 A | 19970708 | Portable information terminal | 345/173 | Iwata, Yuji et al. |
| US 5442814 A | 19950815 | Cellular telephone facilitating a response holding state | 455/575.3 | Seo, Mitsuyo |
| US 4912602 A | 19900327 | Mechanical fastening system for an electronic equipment housing | 361/752 | Zurek, Michael W. et al. |
| US 4897873 A | 19900130 | Multipurpose hinge apparatus for foldable telephones | 379/433.13 | Beutler, Scott D. et al. |

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|---------------|----------|---|-----------|----------------------|
| US 6327570 B1 | 20011204 | Personal business service system and method | 705/7 | Stevens, Dian |
| US 5867140 A | 19990202 | Display system and circuit therefor | 345/98 | Rader, Sheila M. |
| US 5877695 A | 19990302 | Visual alarm for a communication module | 340/815.4 | Kubes, Joseph et al. |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|--------------------|---------------------|
| 1 | 0 | 29/622.ccls. and (mobile handheld) adj1 electronic | USPAT; EPO; JPO | 2003/07/11 09:51 |
| 2 | 40 | motorola and (mobile handheld) adj1 electronic | USPAT; EPO; JPO | 2003/07/11 09:30 |
| 3 | 367 | motorola and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 09:36 |
| 4 | 180 | (motorola and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off))) and phone | USPAT; EPO; JPO | 2003/07/11 09:31 |
| 5 | 10 | nokia and (assembl\$3 and mount\$3) and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 09:40 |
| 6 | 35 | flip and cover\$3 and (assembl\$3 and mount\$3) and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 09:44 |
| 7 | 10 | flip and cover\$3 with assembl\$3 and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 10:41 |
| 46 | 1 | 4845772.pn. | USPAT; EPO; JPO | 2003/07/11 09:57 |
| 47 | 1 | 5148471.pn. | USPAT; EPO; JPO | 2003/07/11 09:57 |
| 48 | 1 | 5337436.pn. | USPAT; EPO; JPO | 2003/07/11 09:59 |
| 49 | 1 | 5337346.pn. | USPAT; EPO; JPO | 2003/07/11 09:59 |
| 58 | 52 | ("D282738" "D298036" "D300742" "D300827" "D305427" "D306294" "D315731" "D317606" "D318050" "D319233" "D325028" "D325029" "D334568" "D337763" "D338199" "D339127" "D340451" "D340711" "D342248" "D343834" "D348071" "3924293" "4073038" "4648125" "4897873" "4899259" "4904549" "4912602" "5014346" "5028083" "5109572" "5111503" "5117073" "5124889" "5148471" "5178481" "5185790" "5189358" "5216711" "5235492" "5241592" "5242767" "5257310" "5258892" "5274882" "5276916" "5278993" "5303291" "5316168" "5317785" "5327584" "5335273"). PN. | USPAT | 2003/07/11 09:59 |
| 59 | 19 | ("5117073" "5138329" "5148471" "5168982" "5175759" "5189632" "5266949" "5337346" "5408060" "5436954" "5584054" "5646649" "5790875" "5805084" "5827082" "5877709" "5905235" "6020878" "6163326"). PN. | USPAT | 2003/07/11 10:26 |
| 60 | 11 | 5168982.URPN. | USPAT | 2003/07/11 10:28 |
| 63 | 16 | ("5373149" "5515305" "5619396" "5658157" "5848298" "5878282" "5892975" "5928336" "5941648" "5978591" "5996178" "6011699" "6015092" "6019630" "6031497" "6052735"). PN. | USPAT | 2003/07/11 10:30 |
| 66 | 2 | ("5151946" "5175759"). PN. | USPAT | 2003/07/11 10:32 |
| 67 | 25 | 5327584.URPN. | USPAT | 2003/07/11 10:32 |

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|-----|-----|---|--------------------|---------------------|
| 68 | 14 | ("D272344" "D295411" "D297736" "D309301" "4471493" "4845772" "4897873" "4903325" "4912602" "4926474" "5014346" "5029236" "5170173" "5274882").PN. | USPAT | 2003/07/11 10:36 |
| 101 | 1 | software and flip and cover\$3 with assembl\$3 and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 10:41 |
| 102 | 34 | (software program\$4) and flip and cover\$3 and assembl\$3 and (mobile handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 10:44 |
| 103 | 144 | (software program\$4) and flip and cover\$3 and assembl\$3 and (mobile portable handheld) with electronic and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 10:47 |
| 104 | 22 | (software program\$4) and flip and cover\$3 and assembl\$3 and mobile adj1 telephone and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 11:27 |
| 105 | 115 | ("4010322" "4159417" "4258387" "4336524" "4573766" "4630895" "4636866" "4695129" "4704740" "4714980" "4814876" "4837817" "4850009" "4855725" "4856045" "4856088" "4873576" "4882617" "4916441" "4928300" "4934773" "4958915" "4959642" "4977456" "5003300" "5008658" "5008788" "5023931" "5042918" "5048077" "5077784" "5079627" "5088806" "5106179" "5111498" "5122880" "5132825" "5138312" "5162828" "5164833" "5164980" "5166814" "5185712" "5189632" "5206749" "5220366" "5224198" "5239665" "5256562" "5258325" "5260625" "5281957" "5300788" "5300976" "5305244" "5311206" "5317236" "5321416" "5322989" "5325429" "5334821" "5335276" "5337068" "5347378" "5347400" "5362671" "5371493" "5376979" "5381179" "5402095" "5402143" "5404580" "5408344" "5412396" "5422656" "5444557" "5467215" "5469278" "5471045" "5475399" "5483285" "5485318" "5485504" "5486708" "5486946" "5499138" "5500517" "5515424" "5528285" "5539554" "5539578" "5541640" "5544111" "5548271" "5549747" "5550754" "5561538" "5581271" "5584070" "5585948" "5596451" "5608553" "5642129" "5646432" "5661635" "5673059" "5682214" "5689283" "5734875" "5757445" "5761485" "5763862" "5815228" "5940159" "6073034").PN. | USPAT | 2003/07/11 10:49 |
| 108 | 48 | (software program\$4) and flip and cover\$3 and assembl\$3 and PDA and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 11:32 |
| 109 | 11 | ("4608457" "4613793" "4758830" "4996523" "5149923" "5189405" "5384459" "5397867" "5405710" "5646649" "5703436").PN. | USPAT | 2003/07/11 11:29 |
| 110 | 4 | (software program\$4) and flip and cover\$3 with assembl\$3 and PDA and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 11:45 |

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|-----|------|---|--------------------|---------------------|
| 114 | 4 | (software program\$4) and flip and cover\$3 with assembl\$3 and personal adj digital and (switch turn\$3 adj1 (on off on/off)) | USPAT; EPO; JPO | 2003/07/11 11:45 |
| - | 8734 | mobile adj1 telephone | USPAT; US-PGPUB | 2002/09/06 15:54 |
| - | 3656 | 29/\$.ccls. and 361/\$.ccls. | USPAT; US-PGPUB | 2002/09/06 15:55 |
| - | 4 | (mobile adj1 telephone) and (29/\$.ccls. and 361/\$.ccls.) | USPAT; US-PGPUB | 2002/09/06 15:55 |
| - | 3 | (mobile adj1 telephone) and monoblock | USPAT; US-PGPUB | 2002/09/06 15:58 |
| - | 30 | (mobile adj1 telephone) and (flip adj2 cover) | USPAT; US-PGPUB | 2002/09/06 15:59 |
| - | 6 | ("5436954" "5697124" "5987122" "6088240" "6104916" "6115620").PN. | USPAT | 2002/09/06 16:02 |
| - | 1 | "4671582".PN. | USPAT | 2002/09/06 16:03 |
| - | 7 | ("5175759" "5278993" "5316168" "5673314" "5678206" "5697124" "5832080").PN. | USPAT | 2002/09/06 16:15 |
| - | 2 | ("5628089" "5649309").PN. | USPAT | 2002/09/06 16:19 |
| - | 6 | switch and mono\$1block and flip | USPAT; EPO; JPO | 2003/07/10 17:26 |
| - | 1136 | electronic adj device and (cover housing) with (flip block) | USPAT; EPO; JPO | 2003/07/10 17:28 |
| - | 99 | (electronic adj device and (cover housing) with (flip block)) and (moble mobile) | USPAT; EPO; JPO | 2003/07/10 17:41 |
| - | 43 | ((electronic adj device and (cover housing) with (flip block)) and (moble mobile)) and (switch turn\$3 adj1 on) | USPAT; EPO; JPO | 2003/07/10 17:45 |
| - | 308 | mobile with electronic and (cover\$3 hous\$4) and (switch turn\$3 adj1 on) and detect\$3 with switch\$3 | USPAT; EPO; JPO | 2003/07/10 17:49 |
| - | 123 | (mobile with electronic and (cover\$3 hous\$4) and (switch turn\$3 adj1 on) and detect\$3 with switch\$3) and (mounting assembl\$3) | USPAT; EPO; JPO | 2003/07/10 17:58 |
| - | 0 | (switch\$3).ti. and mobile adj1 electronic and (mounting assembl\$3) | USPAT; EPO; JPO | 2003/07/10 17:59 |
| - | 37 | switch\$3 and detect\$3 and mobile adj1 electronic and (mounting assembl\$3) | USPAT; EPO; JPO | 2003/07/10 18:01 |
| - | 1 | 5327584.pn. | USPAT; US-PGPUB | 2003/07/10 18:55 |
| - | 1 | 5384844.pn. | USPAT; US-PGPUB | 2003/07/10 18:56 |
| - | 1 | 5673314.pn. | USPAT; US-PGPUB | 2003/07/10 18:56 |